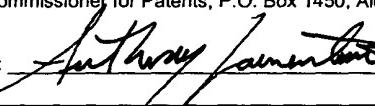


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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. TOW-038			
		First Inventor Kentaro Nagoshi			
		Title FUEL CELL			
		Express Mail Label No. EV 309 880 251 US			
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450			
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 34] (preferred arrangement set forth below) <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed Sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 17] (</p> <p>5. Oath or Declaration [Total Sheets 6] (</p> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____</p> <p>Prior application information: Examiner _____ Art Unit: _____</p> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>					
ACCOMPANYING APPLICATION PARTS					
<p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>					
19. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number: 00959 OR <input type="checkbox"/> Correspondence address below					
Name	LAHIVE & COCKFIELD, LLP Anthony A. Laurentano				
Address	28 State Street				
City	Boston	State	MA	Zip Code	02109
Country	US	Telephone	(617) 227-7400	Fax	(617) 742-4214
Name (Print/Type)	Anthony A. Laurentano		Registration No. (Attorney/Agent)	38,220	
Signature			Date	August 27, 2003	
<p>I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 309 880 251 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.</p> <p>Dated: August 27, 2003 Signature:  (Anthony A. Laurentano)</p>					

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FEE TRANSMITTAL for FY 2003

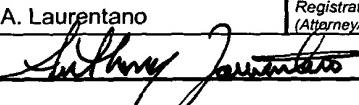
Effective 01/01/2003, Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 790.00)

		Complete if Known	
		Application Number	NEW APPLICATION
		Filing Date	Concurrently Herewith
		First Named Inventor	Kentaro Nagoshi
		Examiner Name	Not Yet Assigned
		Art Unit	N/A
		Attorney Docket No.	TOW-038

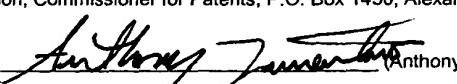
METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)											
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number 12-0080 Deposit Account Name Lahive & Cockfield, LLP			3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th></th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Description</td> <td>Fee Paid</td> </tr> </tbody> </table> <p>1051 130 2051 65 Surcharge – late filing fee or oath 1052 50 2052 25 Surcharge – late provisional filing fee or cover sheet. 1053 130 1053 130 Non-English specification 1812 2,520 1812 2,520 For filing a request for ex parte reexamination 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action 1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action 1251 110 2251 55 Extension for reply within first month 1252 410 2252 205 Extension for reply within second month 1253 930 2253 465 Extension for reply within third month 1254 1,450 2254 725 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fifth month 1401 320 2401 160 Notice of Appeal 1402 320 2402 160 Filing a brief in support of an appeal 1403 280 2403 140 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive – unavoidable 1453 1,300 2453 650 Petition to revive - unintentional 1501 1,300 2501 650 Utility issue fee (or reissue) 1502 470 2502 235 Design issue fee 1503 630 2503 315 Plant issue fee 1460 130 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 8021 40 8021 40 Recording each patent assignment per property (times number of properties) 40.00 1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 750 2810 375 For each additional invention to be examined (37CFR 1.129(b)) 1801 750 2801 375 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) </p>			Large Entity	Small Entity		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Large Entity	Small Entity													
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid									
The Director is authorized to: (check all that apply)														
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.														
FEE CALCULATION														
1. BASIC FILING FEE														
Large Entity		Small Entity												
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid									
1001	750	2001	375	Utility filing fee	750.00									
1002	330	2002	165	Design filing fee										
1003	520	2003	260	Plant filing fee										
1004	750	2004	375	Reissue filing fee										
1005	160	2005	80	Provisional filing fee										
SUBTOTAL (1) (\$)			750.00											
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE														
Extra Claims		Fee from below		Fee Paid										
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Independent Claims	1	-3** =	<input type="text"/>	<input type="text"/> x <input type="text"/> =	<input type="text"/> 0.00									
Multiple Dependent				<input type="text"/>	<input type="text"/>									
Large Entity		Small Entity												
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description										
1202	18	2202	9	Claims in excess of 20										
1201	84	2201	42	Independent claims in excess of 3										
1203	280	2203	140	Multiple dependent claim, if not paid										
1204	84	2204	42	** Reissue independent claims over original patent										
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent										
SUBTOTAL (2) (\$)			0.00											
*Reduced by Basic Filing Fee Paid														
**or number previously paid, if greater; For Reissues, see above			SUBTOTAL (3) (\$)											
40.00														

(Complete if applicable)					
Name (Print/Type)	Anthony A. Laurentano		Registration No. (Attorney/Agent)	38,220	Telephone (617) 227-7400
Signature			Date	August 27, 2003	

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Dated: August 27, 2003

Signature:



(Anthony A. Laurentano)